

FIG. 2

Reshaping 3D6 VH

3d6vh.aa
hum3d6VHv1.aa
KABID 045919
VH3-23.prot

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	60	70	80	90	*	*	
3d6vh.aa	I R S G G G R T Y Y S D N V K G R F T I S R E N A K N T L Y L Q M S S L K S E D T A L Y Y C V R Y D 96						
hum3d6VHv1.aa	I R S G G G R T Y Y S D N V K G R F T I S R D N A K N S L Y L Q M S S L R A E D T A L Y Y C V R Y D 96						
KABID 045919	I S G S G G S T Y Y A D S V K G R F T I S R D N A K N S L Y L Q M S S L R A E D T A L Y Y C A K D N 96						
VH3-23.prot	I S G S G G S T Y Y A D S V K G R F T I S R D N S K N T L Y L Q M S S L R A E D T A V Y Y C A K 94						

3d6vh.aa
hum3d6VHv1.aa
KABID 045919
VH3-23.prot

'Decoration #1': Box residues that match hum3d6VHv1.aa exactly. Residue Numbering of Kabat

3d6vh.aa - Donor murine sequence

hum3d6VHv1.aa - humanized 3d6 VH

KABID 045919 - human acceptor framework

VH3-23.prot - human germline VH

CDR regions

Solid fill : Canonical/CDR interacting residues

Dashed Boxes: vernier/CDR foundation residues

Bold: packing (VH+VL) residues

*: residues selected for backmutation in hum3D6VLv1.aa